

Converting Colors

XYZ(10.6739, 12.5867, 9.1632)

Have a look what the booklet for
XYZ(10.6739, 12.5867, 9.1632)
contains.

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Color

**XYZ(10.6390, 12.5259,
9.0647)**

Conversions

Conversions Part 1

Format	Color
Hex	5C674E
RGB	92, 103, 78
RGB Percent	36%, 40%, 31%
CMY	0.6392, 0.5961, 0.6941
CMYK	0.11, 0.00, 0.24, 0.60
HSL	86°, 14%, 35%
HSV	86°, 24%, 40%
XYZ	10.6390, 12.5259, 9.0647
YIQ	96.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

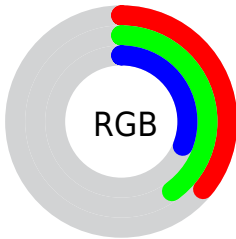
Format	Color
R_{YB}	78, 103, 89
Decimal	6055758
CIE _{Lab}	42.04, -9.21, 12.74
CIE _{LCh}	42, 15.717, 125.852
Yxy	12.5259, 0.3301, 0.3886
Android (android.graphics.Color)	4284245838 (0xFF5C674E)
YUV	96.8610, -9.2985, -4.2631
Hunter-Lab	35.3919, -8.2779, 9.5888

Details

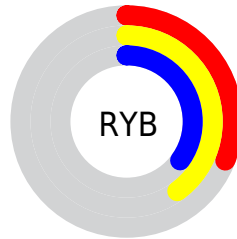
The XYZ color **10.6390, 12.5259, 9.0647** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.2930, 8.5523, 13.9937**, and the grayscale version is **11.3503, 11.9414, 13.0042**.

A 20% lighter version of the original color is **26.5417, 30.3943, 24.5465**, and **2.8296, 3.5247, 2.0446** is the 20% darker color. If you saturate the color by 10%, you get **9.8590, 12.1636, 7.2492**, and if you desaturate by 10%, it is **11.5046, 12.9265, 11.1867**.

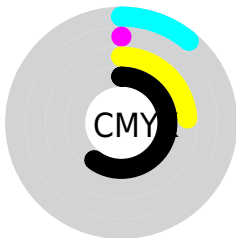
Distribution



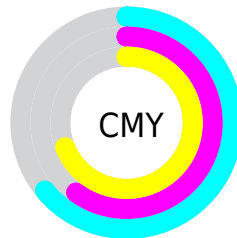
- Red (36%)
- Green (40%)
- Blue (31%)



- Red (31%)
- Yellow (40%)
- Blue (35%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6390, 12.5259, 9.0647 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 10.6390, 12.5259, 9.0647 by changing the saturation by 10% instead.

■ 10.6390, 12.5259,
9.0647

■ 10.6390, 12.5259,
9.0647

189.1337,
207.8565, 194.0956

■ 5.8901, 7.1029,
4.6860

■ 26.6296, 30.4494,
24.6005

■ 2.8184, 3.5265,
2.0087

■ 38.6020, 43.7186,
36.5946

■ 1.0585, 1.4124,
0.5606

■ 53.7130, 60.3721,
51.9644

■ 0.0000, 0.2258,
0.0000

■ 72.3279, 80.7942,
71.1282

■ 0.0000, 0.0000,
0.0000

■ 94.8120, 105.3693,
94.5047

121.5308,

134.4817, 122.5125

152.8496,
168.5160, 155.5699

■ 10.6390, 12.5259,
9.0647

■ 10.6390, 12.5259,
9.0647

■ 9.8590, 12.1636,
7.2492

■ 11.5046, 12.9265,
11.1867

■ 9.1605, 11.8365,
5.7253

■ 12.4579, 13.3648,
13.6278

■ 8.5405, 11.5438,
4.4780

■ 13.5019, 13.8427,
16.4006

■ 7.9952, 11.2840,
3.4905

■ 14.6393, 14.3613,
19.5169

■ 7.5207, 11.0554,
2.7443

■ 15.8727, 14.9216,
22.9879

■ 7.1124, 10.8561,
2.2186

■ 17.2045, 15.5247,
26.8245

■ 6.7626, 10.6831,
1.8750

■ 18.6372, 16.1715,
31.0367

■ 6.5765, 10.5908,
1.6976

■ 20.1729, 16.8630,
35.6346

■ 21.8138, 17.6001,
40.6275

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.6782, 12.5259, 8.1925



10.6390, 12.5259, 9.0647



9.9731, 12.5259, 11.1749

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.6390, 12.5259, 9.0647



11.0109, 12.5259, 20.3833



14.2802, 12.5259, 12.9938

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



10.6390, 12.5259, 9.0647



9.2930, 8.5523, 13.9937

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.0727, 12.5259, 16.4402



10.6390, 12.5259, 9.0647



12.1358, 12.5259, 21.0825

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10.6390, 12.5259, 9.0647



10.1778, 12.5259, 17.7594



13.2687, 12.5259, 19.5387



13.8185, 12.5259, 10.2103

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



10.6390, 12.5259, 9.0647



9.8047, 12.5259, 13.1790



13.2687, 12.5259, 19.5387



14.2867, 12.5259, 14.1087

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



10.6393, 12.5264, 9.0650



21.7888, 23.6924, 23.0585



10.5277, 10.5511, 8.6896



5.3013, 5.7736, 5.5879



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.6393, 12.5264, 9.0650



18.2521, 22.0582, 14.3515



9.5060, 11.9422, 9.0119



2.9299, 3.2110, 3.0398



8.2329, 13.3029, 2.1338



41.9214, 68.8573, 11.0813

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9.2930, 8.5523, 13.9937



15.3991, 13.6356, 24.7974



10.5773, 9.2144, 14.0538



2.7964, 2.8171, 3.5283



4.4203, 1.9229, 16.2825



22.0813, 9.5276, 84.8766

Previews

White Background



This preview shows how the XYZ color 10.6390, 12.5259, 9.0647 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 10.6390, 12.5259, 9.0647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6390, 12.5259, 9.0647

Background



This preview shows how black text looks on a background with the XYZ color 10.6390, 12.5259, 9.0647.

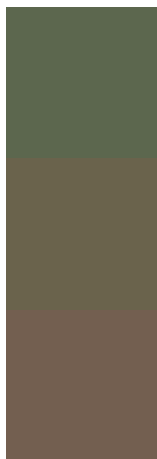


This preview shows how white text looks on a background with the XYZ color 10.6390, 12.5259,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

10.6390, 12.5259, 9.0647

Protanopia

11.7102, 12.5097, 8.6349

Deuteranopia

12.6104, 12.4084, 9.3198



Tritanopia

11.9396, 12.4720, 15.6880

Trichromacy



Original Color

10.6390, 12.5259, 9.0647

Protanomaly

11.2636, 12.4169, 8.8242

Deuteranomaly

11.8424, 12.4257, 9.1714

Tritanomaly

11.3878, 12.3918, 12.8580

Monochromacy



Original Color

10.6390, 12.5259, 9.0647

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.0266, 12.0948, 11.4262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6390, 12.5259, 9.0647 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(92, 103, 78) looks like.

```
.text, #text, p{  
    color:rgb(92, 103, 78)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(92, 103, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 103, 78) }
```

Border

The CSS property to change the border of an element to XYZ 10.6390, 12.5259, 9.0647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 103, 78) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(92, 103, 78) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(92, 103, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 103, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 103, 78);  
box-shadow:4px 4px 4px 4px rgb(92, 103,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6390, 12.5259, 9.0647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 103, 78) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(92, 103,  
78) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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